

File No. 190222 Committee Item No. 1  
 Board Item No. 19

**COMMITTEE/BOARD OF SUPERVISORS**  
 AGENDA PACKET CONTENTS LIST

Committee: Land Use and Transportation Committee Date March 18, 2019

Board of Supervisors Meeting Date April 2, 2019  
 Cmte Board

- |                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <input type="checkbox"/>            | <input type="checkbox"/>            | Motion                                       |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Resolution                                   |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Ordinance                                    |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Legislative Digest                           |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Budget and Legislative Analyst Report        |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Youth Commission Report                      |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Introduction Form                            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Department/Agency Cover Letter and/or Report |
| <input type="checkbox"/>            | <input type="checkbox"/>            | MOU  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Grant Information Form                       |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Grant Budget                                 |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Subcontract Budget                           |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Contract/Agreement                           |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Form 126 – Ethics Commission                 |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Award Letter                                 |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Application                                  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Public Correspondence                        |

OTHER (Use back side if additional space is needed)

- |                                     |                                     |   |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Referral FYI 030619                       |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <u>DEPT OF THE ENVIRONMENT PPT 031819</u> |
| <input type="checkbox"/>            | <input type="checkbox"/>            | _____                                     |
| <input type="checkbox"/>            | <input type="checkbox"/>            | _____                                     |
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| <input type="checkbox"/>            | <input type="checkbox"/>            | _____                                     |

Completed by: Erica Major Date March 14, 2019  
 Completed by: Erica Major Date 3/27/19

1 [Declaring a Climate Emergency in San Francisco]

2  
3 **Resolution declaring a climate emergency and requesting immediate and accelerated**  
4 **action to address the climate crisis and limit global warming to 1.5 degrees Celsius.**  
5

6 WHEREAS, Climate change is an urgent unfolding crisis that presents a serious threat  
7 to global stability and human existence; and

8 WHEREAS, The Intergovernmental Panel on Climate Change (IPCC) issued a special  
9 report on the impacts of global warming and the need to reduce global greenhouse gas  
10 emissions well before 2030 to hold warming to 1.5 degrees Celsius and avoid the most  
11 catastrophic impacts of climate change; and

12 WHEREAS, In 2018, the United States' Fourth National Climate Assessment made  
13 clear that climate change will wreak havoc across the United States, and the current pace and  
14 scale of national climate action is not sufficient to avert substantial damage to the economy,  
15 environment, and human health over the coming decades; and

16 WHEREAS, Throughout the United States, communities of color, low-wage workers  
17 and low-income communities have been on the frontline of longstanding environmental  
18 injustices, and have historically borne the brunt of the fossil-fuel economy; and

19 WHEREAS, San Francisco, like the Bay Area and the state of California, is already  
20 suffering impacts of climate change in the form of droughts, air pollution, extreme heat, and  
21 lowland flooding, and these impacts will grow more severe if global greenhouse gas  
22 emissions are not significantly reduced; and

23 WHEREAS, Climate change will continue to make basic human necessities such as  
24 food, housing, healthcare, transportation and energy more expensive and, along with a living  
25

1 wage, difficult to obtain, adding additional pressure to the Bay Area's affordability crisis and  
2 wealth inequality; and

3 WHEREAS, To stay within 1.5 degrees Celsius, major cities throughout the world will  
4 need to significantly reduce their per capita emissions by 2030, and as a city on a rapid  
5 growth trajectory, San Francisco has an obligation to lead by example; and

6 WHEREAS, San Francisco continues to remain a global climate action leader having  
7 reduced greenhouse gas emissions 30% from 1990 levels while growing its economy by  
8 111% and population by 20%; and

9 WHEREAS, According to the Department of Public Health's Climate and Health  
10 Adaptation Framework (2017) the direct and indirect impacts of climate change will  
11 disproportionately affect San Francisco communities least able to prepare for, cope with, and  
12 recover from them, such as communities of color, low-wage workers, immigrants and other  
13 low-income communities; and

14 WHEREAS, San Francisco, having joined Bay Area cities Berkeley, Richmond,  
15 Hayward and Oakland in declaring a climate emergency, will continue to coordinate its efforts  
16 with these cities as well as other local, regional, and state governments to accelerate  
17 immediate and near-term actions to rapidly eliminate greenhouse gas emissions from fossil  
18 fuels, such as gasoline, diesel and natural gas, refrigerants, and other sources; now,  
19 therefore, be it

20 RESOLVED, That the Board of Supervisors hereby declares a state of climate  
21 emergency, given that the climate crisis poses a serious and urgent threat to the well-being of  
22 San Francisco, its inhabitants, and its environment; and, be it

23 FURTHER RESOLVED, That the Board of Supervisors urges the Department of the  
24 Environment, in collaboration with the Mayor's office and all other relevant City agencies, to  
25 develop and deliver a technical report within 100 days; and, be it

1 FURTHER RESOLVED, That the Board of Supervisors intends to schedule a public  
2 hearing for the Department of the Environment in coordination with partner City agencies, to  
3 present high-priority strategies to achieve deep emission reductions at emergency speed;  
4 and, be it

5 FURTHER RESOLVED, That to meet the City and County of San Francisco's  
6 ambitious greenhouse gas emission reduction targets, the Department of the Environment is  
7 urged to review Chapter 9 of the City's Environment Code and recommend updates or new  
8 policies to the City's Climate Action Strategy, and to take into account the impact on workers  
9 and jobs in San Francisco that these policies will have; and, be it

10 FURTHER RESOLVED, That labor unions and frontline environmental justice  
11 communities must be equitably and actively engaged in the City's transition to a fossil-fuel  
12 free economy and prioritized through local climate mitigation and adaptation planning, policy,  
13 and program delivery, ensuring a just transition for all people; and, be it

14 FURTHER RESOLVED, That any legislation or projects started through the climate  
15 emergency process should consider union career opportunities, including training and  
16 retraining, and investments in working-class, low-income communities, and communities of  
17 color historically and disproportionality impacted by pollution, high unemployment, poverty and  
18 environmental injustice; and, be it

19 FURTHER RESOLVED, That as the City works on climate mitigation, it shall continue  
20 to advance climate adaptation efforts to address unavoidable current and future climate  
21 change impacts; and, be it

22 FURTHER RESOLVED, That the Board of Supervisors will work with the Mayor's  
23 office, the Controller, and the Capital Planning Committee to develop a budget that enables  
24 urgent climate action, avoids further investment of public dollars in fossil-fuel reliant  
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1 infrastructure when there are clean energy alternatives, supports public sector employees,  
2 and ensures a climate resilient future for all San Franciscans.

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**SF Environment**

**Our home. Our city. Our planet.**

A Department of the City and County of San Francisco

# Addressing the Climate Emergency

San Francisco Department of Environment

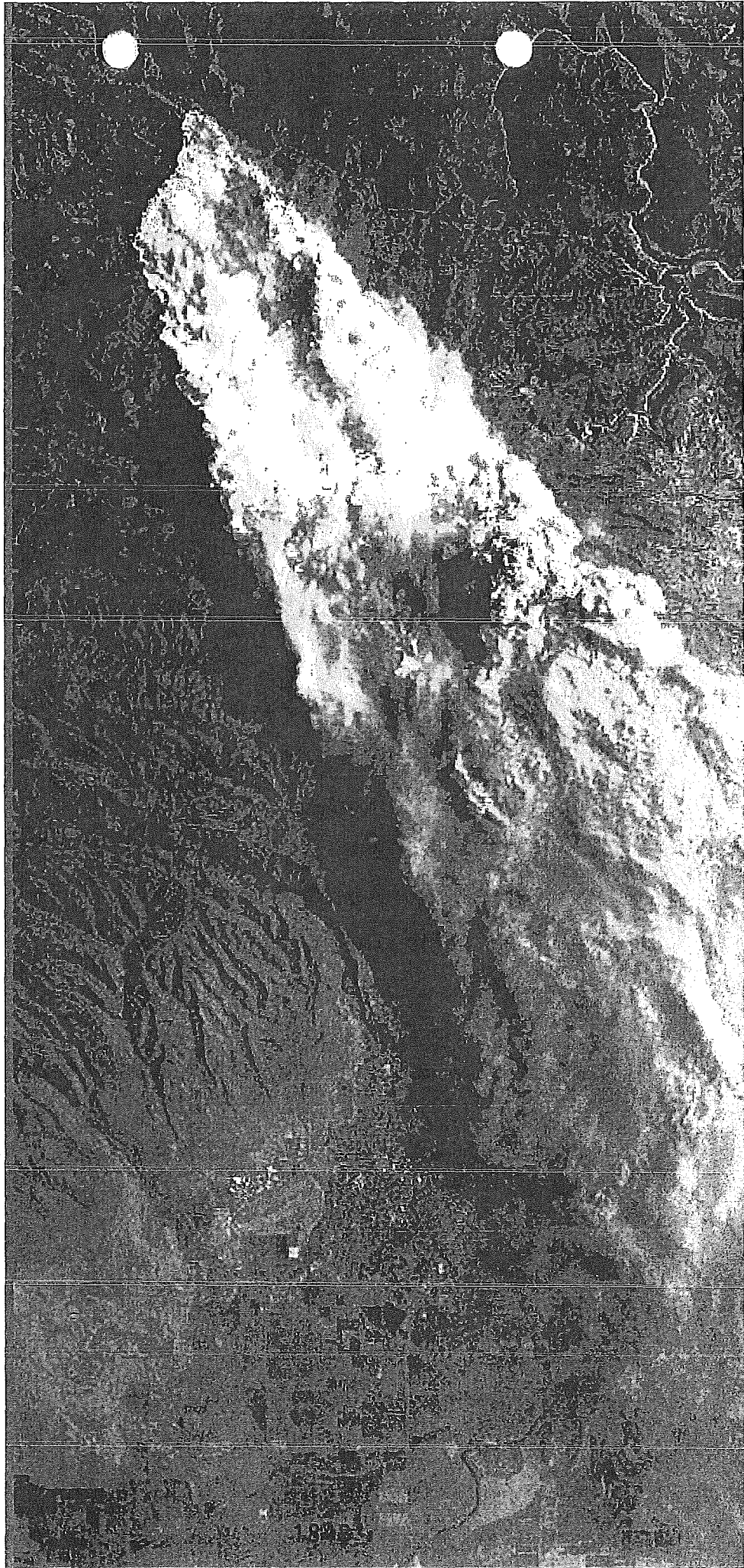
1842



19077  
3/18/19  
SUBMITTED  
J. P. [unclear]

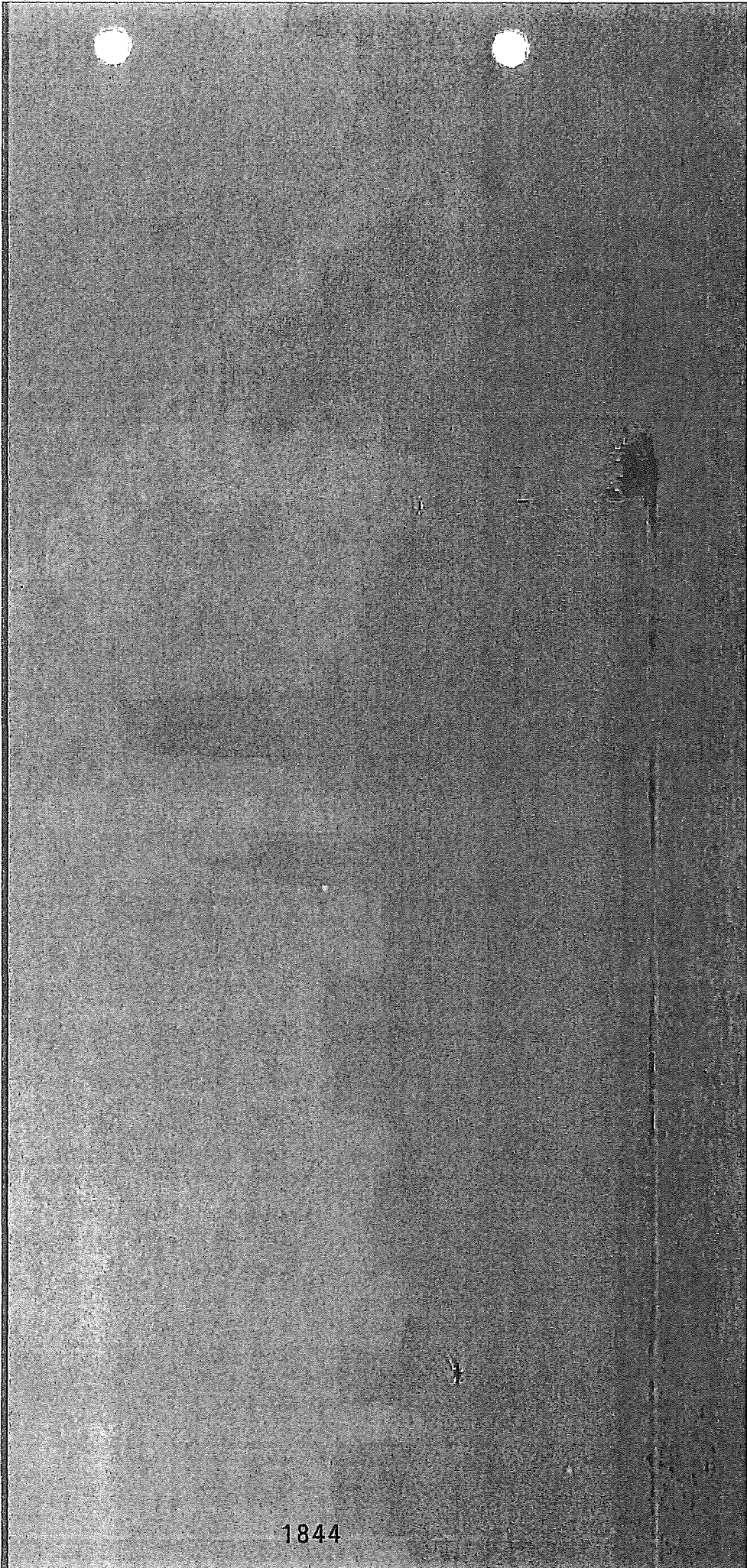


# Climate Change is Here





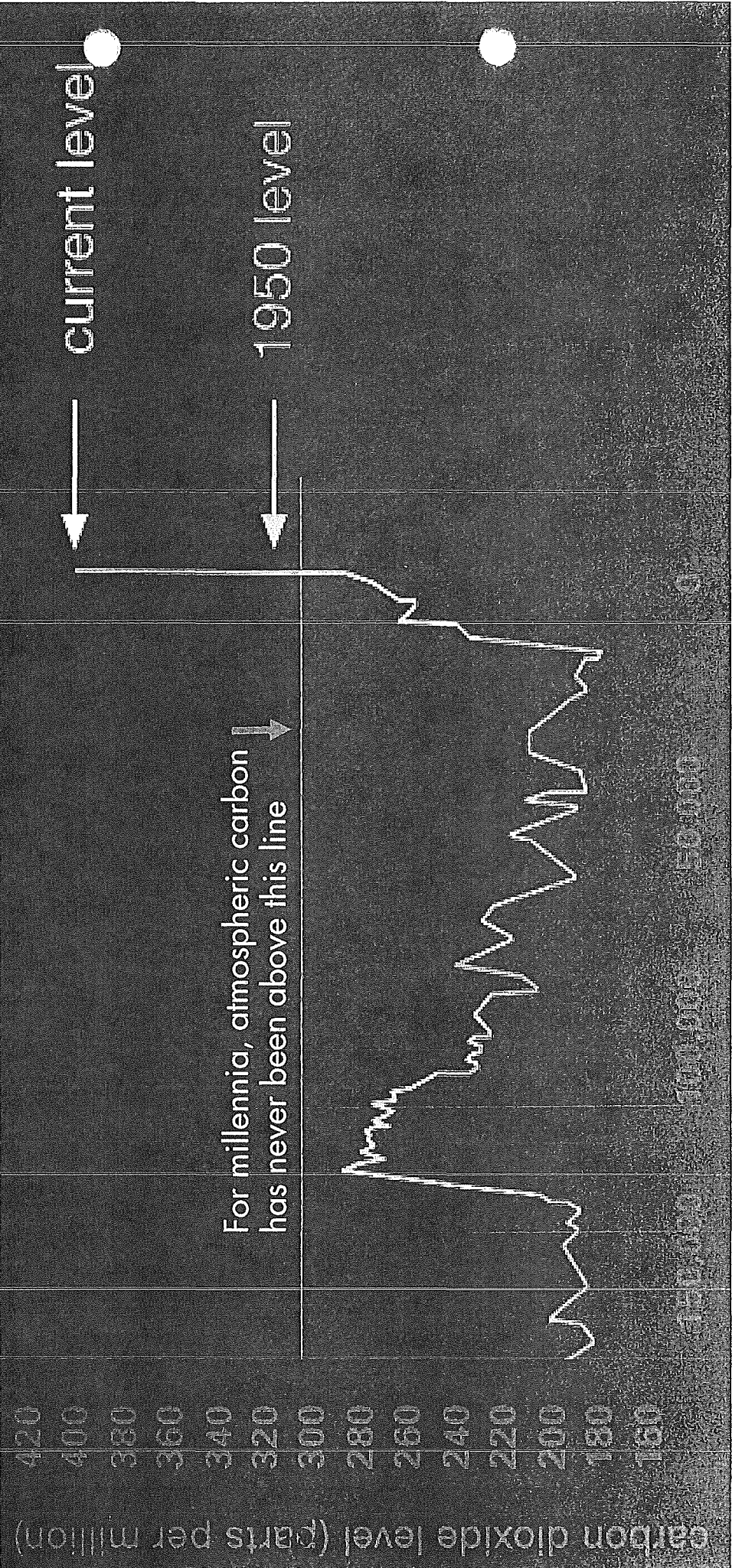
# Climate Change has Local Impact







# Taking Action is Essential

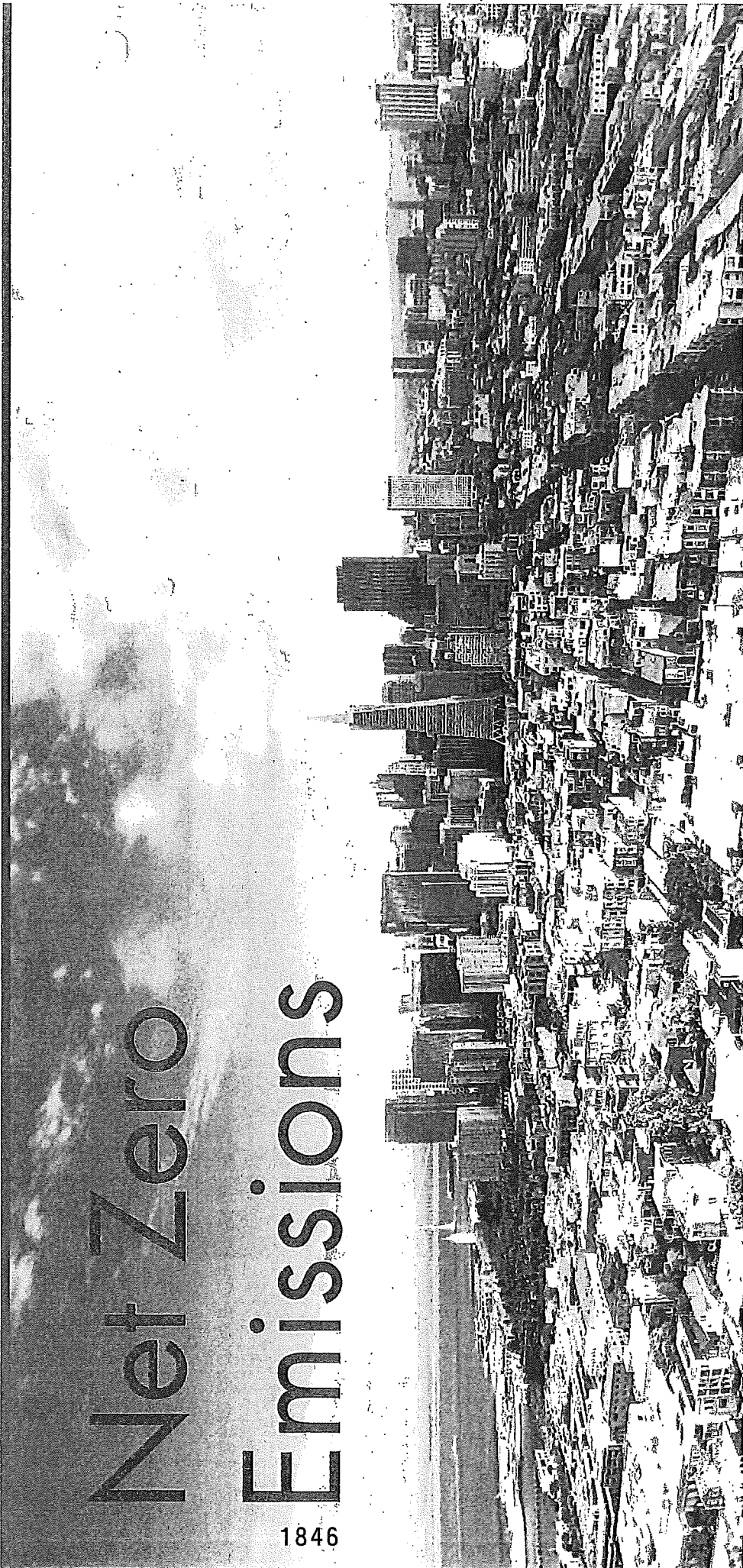




San Francisco's Commitment

# Net Zero Emissions

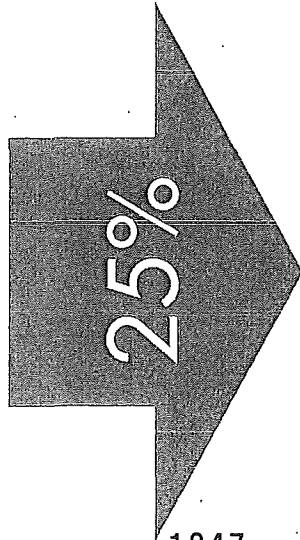
1846



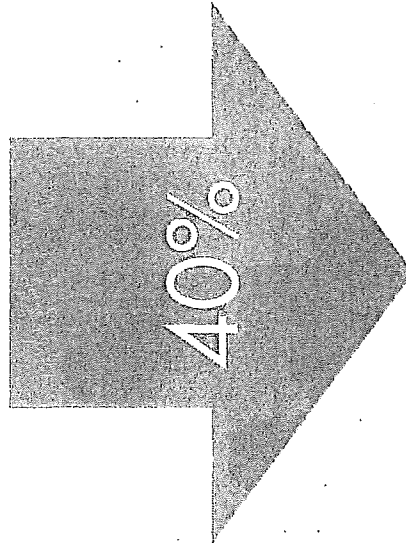


# Bold Goals and Aggressive Reduction Targets

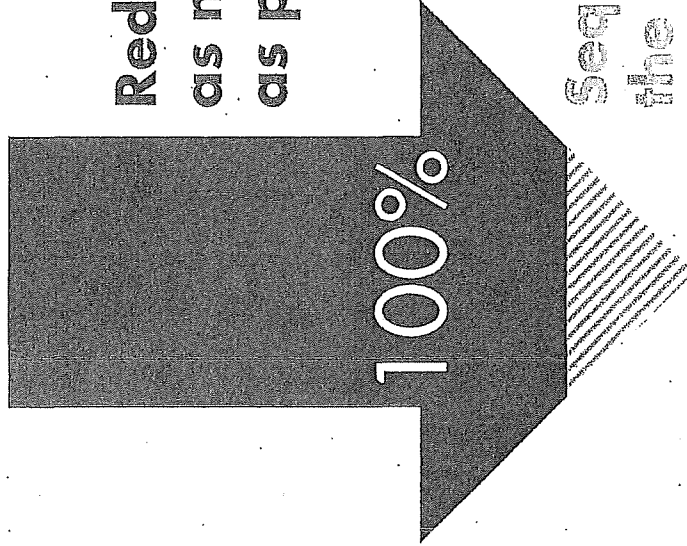
2017



2025

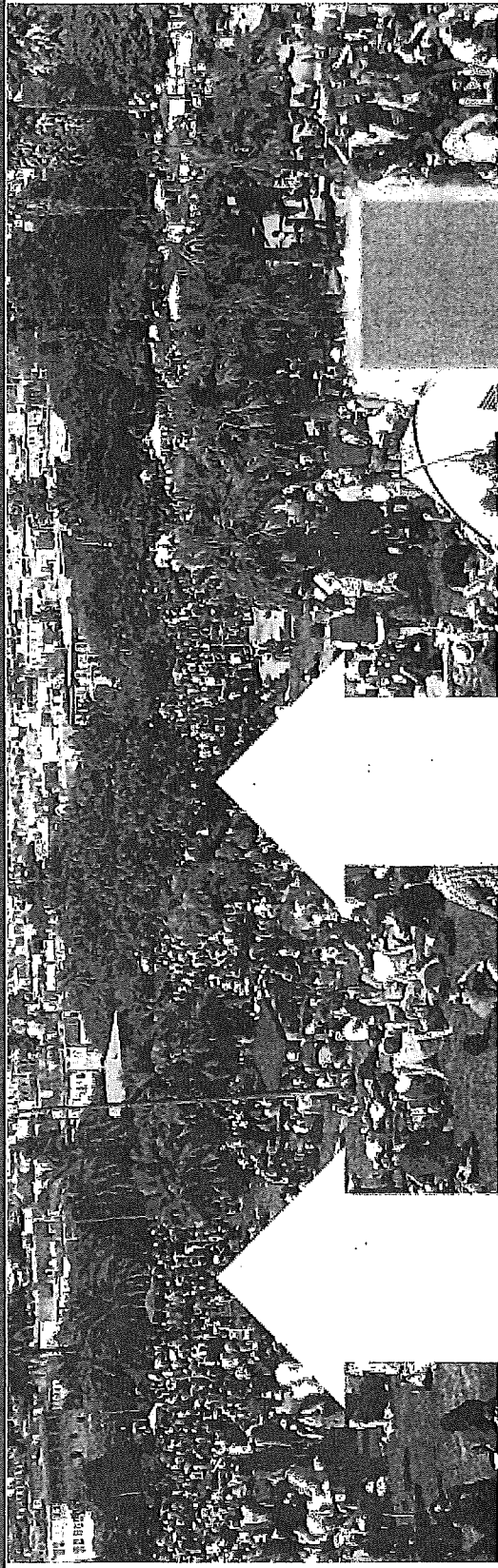


2050





# Strong Emissions Reductions to Date (1990 - 2016)



20%

Population

111%

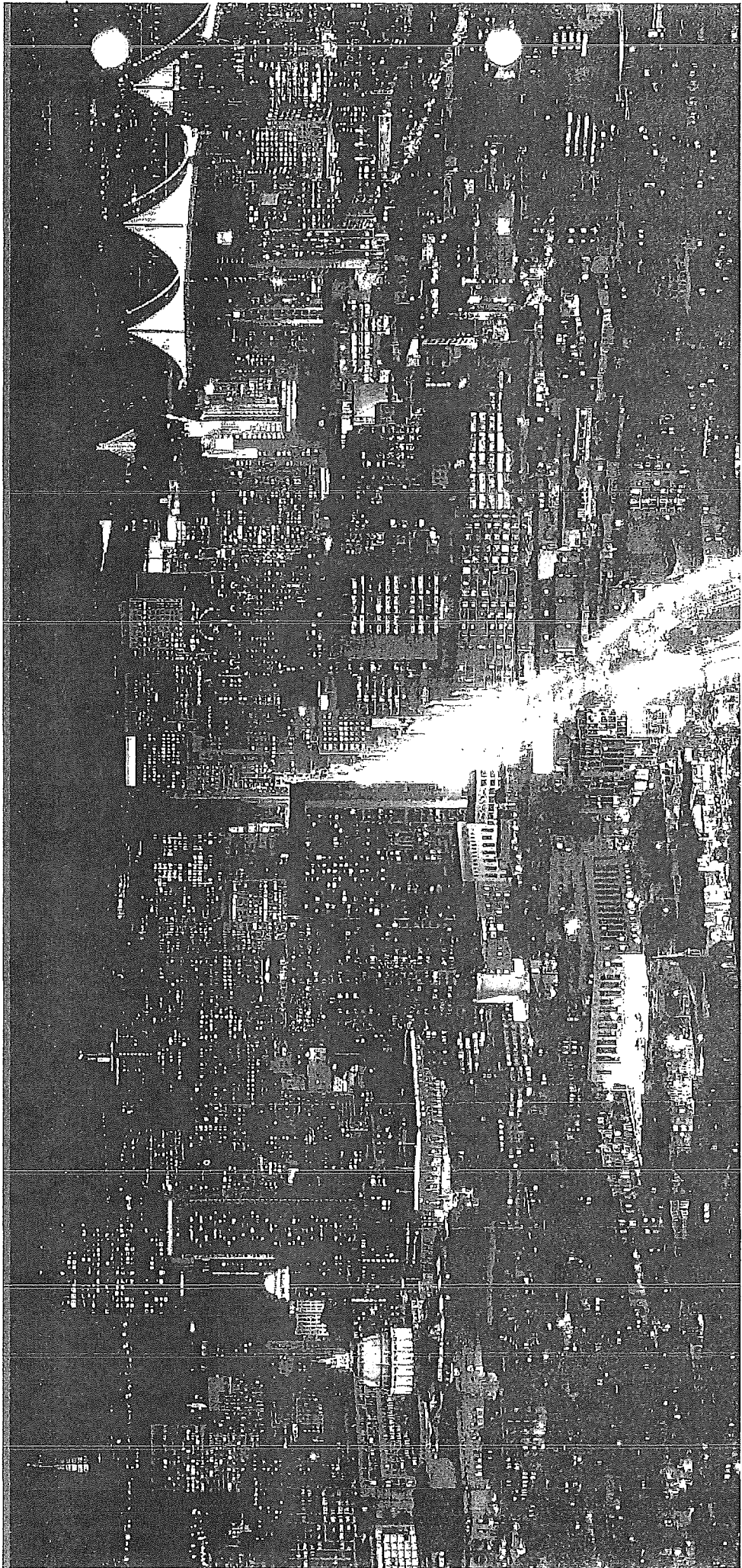
GDP

30%

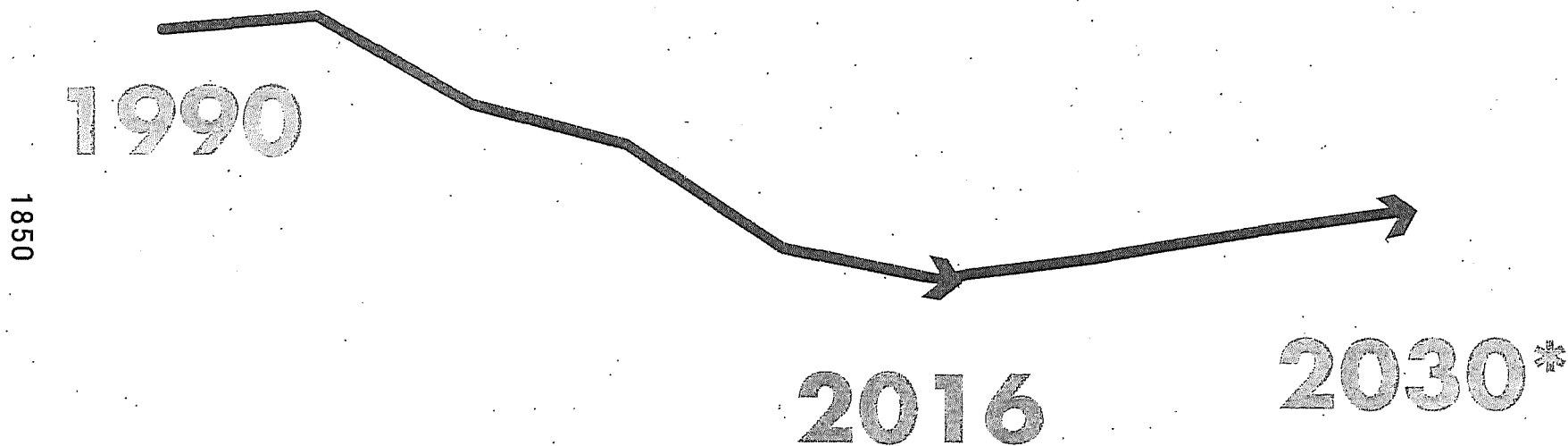
GHG Emissions



# San Francisco is Continuing to Grow

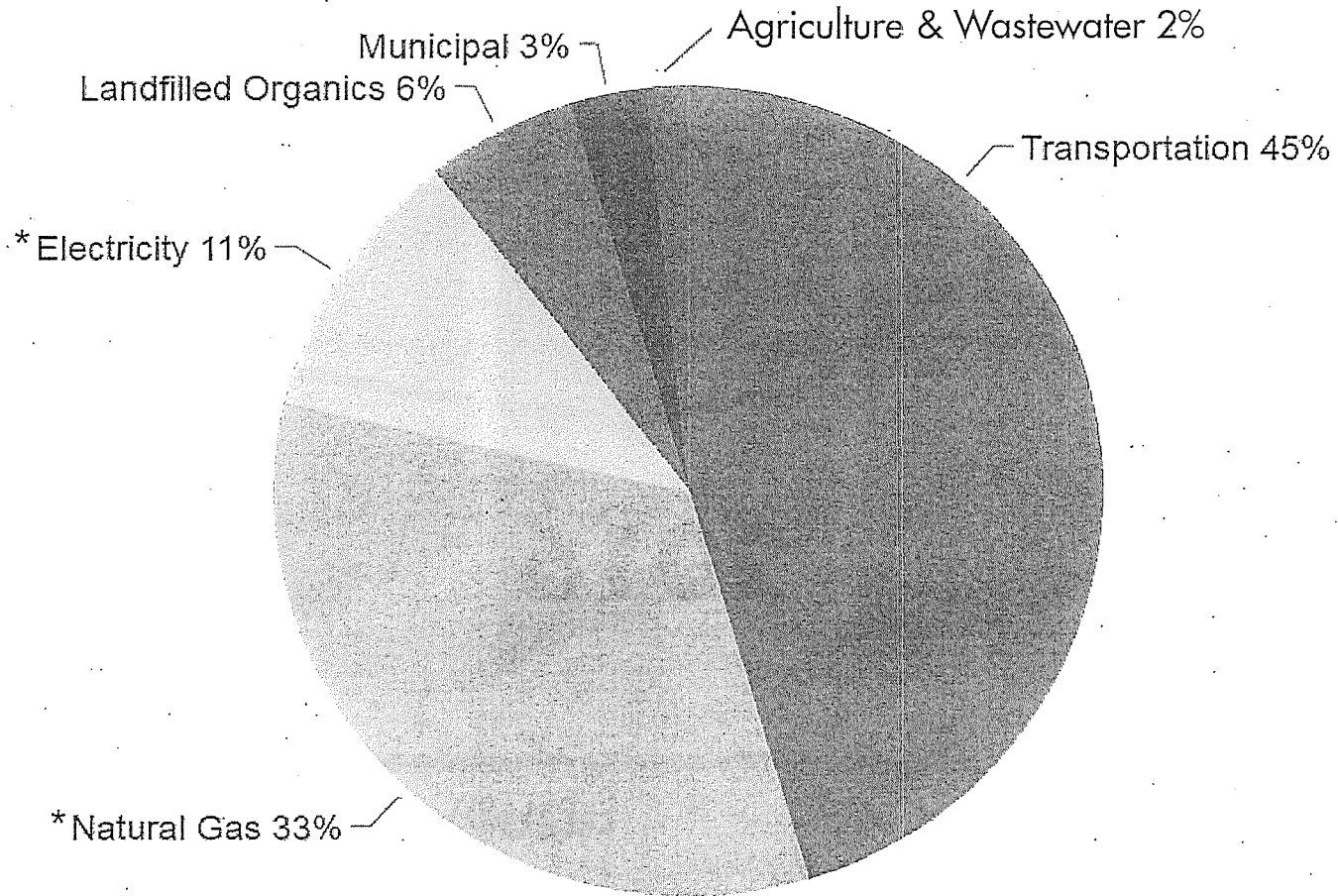


# Staying the Current Course



\* Projected greenhouse gas emissions, business as usual

# San Francisco's Emissions Sources Today



1851

*\*Building Sector Emissions*

# Path to Accelerated Action



1852

Complete  
"Focus  
2030"  
Technical  
Report

June  
2019

Board of  
Supervisors  
Hearing on  
Technical  
Report

July  
2019

Update City  
Climate  
Policy  
(Env Code  
Ch 9)

May-October  
2019

Deliver a  
Paris-  
compliant  
Climate  
Action  
Strategy

February  
2020

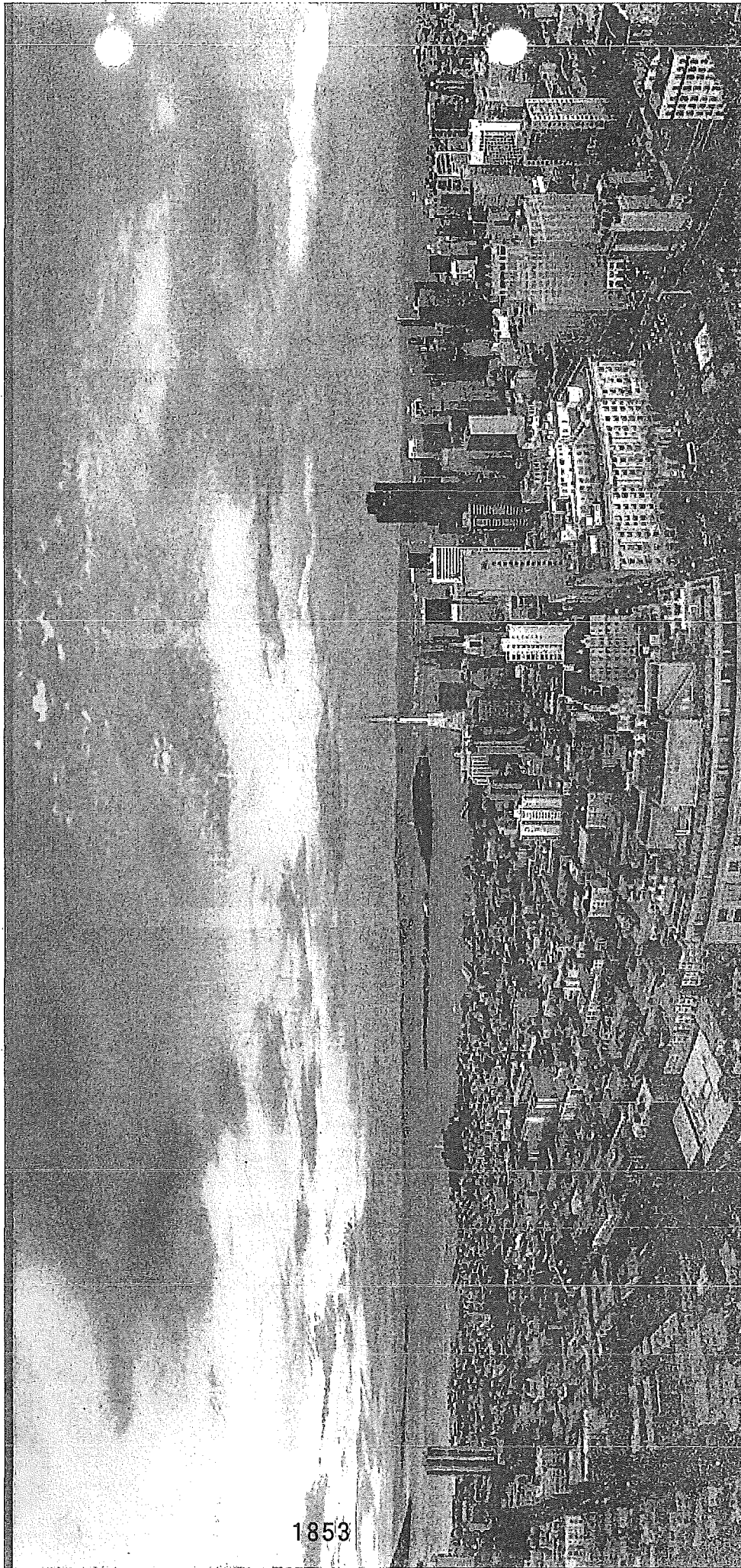
Integrate  
Climate  
Mitigation  
and  
Adaptation

Ongoing





We're in This Together – An Opportunity to Lead



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Thank You

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**Debbie Raphael**

Director

San Francisco Department of Environment

Debbie.Raphael@sfgov.org

1854



**SF Environment**

**Our home. Our city. Our planet.**

A Department of the City and County of San Francisco

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190777

**To:** BOS Legislation, (BOS)  
**Subject:** RE: Urban Forestation: Crucial to SF's Revised Climate Action Plan

**From:** Joshua Klipp <[joshuaklipp@gmail.com](mailto:joshuaklipp@gmail.com)>  
**Sent:** Wednesday, March 27, 2019 4:34 PM  
**To:** Board of Supervisors, (BOS) <[board.of.supervisors@sfgov.org](mailto:board.of.supervisors@sfgov.org)>  
**Subject:** Urban Forestation: Crucial to SF's Revised Climate Action Plan

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

Dear Board of Supervisors,

I write to ask that your vote for the Climate Emergency Resolution be conditioned upon the inclusion of aggressive urban forestation in the City's revised Climate Action Plan.

City trees are one of the cheapest, most effective tools in the battle against climate change. Trees sequester CO2, clean the air of dangerous particulate matter (for example, wildfire smoke and pollutants), draw down urban heat island effect in the city's most polluted and highway covered neighborhoods, provide habitat for our increasingly endangered ecosystem, and make our sidewalks and streets more safe and welcoming to pedestrians and bicyclists. In 2017, San Francisco's Planning Department stated that for every \$1 invested in city trees, San Francisco receives more than \$4 in benefits.

Despite all of these climate benefits, studies indicate that San Francisco has the smallest urban canopy of any major city in the United States - and it's getting worse. In 2014, the City rolled out an urban forest plan to add 50,000 trees to our streets in 20 years, or an average of 2,500 trees per year. Since that time, we've wildly failed to meet that goal. In 2018, San Francisco added a total of one single tree to its canopy. And while StreetTreeSF reverted control of street trees to Public Works, it only budgeted for pruning and removal - Public Works currently has no budget to plant or even replace the trees it removes.

Our city and our planet literally cannot afford this continued urban canopy mis-management. While San Francisco leads the country in green initiatives, we know that at our current rate of growth, our carbon footprint will outpace every amazing effort currently in place. San Francisco must look at every possible solution to reduce our carbon footprint.

Trees are a solution that our city has ignored for too long. And even if the City continues to invest in more costly, high impact efforts, trees are the only mechanism available that create the air we need to live and breathe.

Please vote for the Climate Emergency Resolution only on the condition that it include aggressive urban forestation efforts. Thank you, Josh Klipp

--  
Josh Klipp, Esq.  
Certified Access Specialist with the California Division of the State Architect (CAsp-812)  
Accessibility for Built and Virtual Environments. [made-welcome.com](http://made-welcome.com)

190887  
3/15/19

SUBMITTED IN COMMITTEE

Testimony in Support of SF Climate Emergency Resolution: March 16, 2019

My name is Robin Cooper and I want to convey my whole hearted support for this resolution which will set the stage for urgent local action on the climate crisis. I regret not being here personally today but send this message.

I am a psychiatrist and have practiced in San Francisco for over 35 years, am on the clinical faculty of UCSF Department of Psychiatry and am co-founder and steering committee member of a group called Climate Psychiatry Alliance. As a physician I am particularly aware of the profound impacts of climate change on health. In fact many medical organizations have recognized climate disruption as the **most significant threat to public health facing our generation** and that our continued fossil fuel dependency with associated CO2 emissions will **threaten to erase major public health gains** achieved over the last 50 to 100 years. In the field of mental health it is no different. The proposal before this committee has rightfully identified vulnerable populations but I want to call your attention to the specific and severe impacts that the mentally ill and the mentally ill homeless population face in managing extreme weather disasters and extreme heat. It is for this voiceless population that I add my voice advocating for passage of this resolution and implementation of swift local action both on mitigation and adaptation policies.

Respectfully submitted,  
Robin Cooper, MD  
Climate Psychiatry Alliance  
Citizens' Climate Lobby  
Robincooper50@gmail.com

BOARD of SUPERVISORS



City Hall  
1 Dr. Carlton B. Goodlett Place, Room 244  
San Francisco 94102-4689  
Tel. No. 554-5184  
Fax No. 554-5163  
TDD/TTY No. 554-5227

## MEMORANDUM

TO: Kanishka Karunaratne Cheng, Liaison to the Board of Supervisors, Mayor's Office  
Deborah Raphael, Director, Department of the Environment

FROM: Erica Major, Assistant Clerk, Land Use and Transportation Committee

DATE: March 6, 2019

SUBJECT: LEGISLATION INTRODUCED

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The Board of Supervisors' Land Use and Transportation Committee has received the following proposed legislation, introduced by Supervisor Mandelman on February 26, 2019:

**File No. 190222**

**Resolution declaring a climate emergency in San Francisco; and requesting immediate and accelerated action to address the climate crisis and limit global warming to 1.5 degrees Celsius.**

If you have comments or reports to be included with the file, please forward them to me at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102 or by email at: [erica.major@sfgov.org](mailto:erica.major@sfgov.org).

c: Rebecca Peacock, Mayor's Office  
Peter Gallota, Department of the Environment  
Charles Sheehan, Department of the Environment

# Introduction Form

By a Member of the Board of Supervisors or Mayor

RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO

2019 FEB 26 PM 2:09 stamp  
or meeting date

BY *ELB*

I hereby submit the following item for introduction (select only one):

- 1. For reference to Committee. (An Ordinance, Resolution, Motion or Charter Amendment).
- 2. Request for next printed agenda Without Reference to Committee.
- 3. Request for hearing on a subject matter at Committee.
- 4. Request for letter beginning : "Supervisor [ ] inquiries"
- 5. City Attorney Request.
- 6. Call File No. [ ] from Committee.
- 7. Budget Analyst request (attached written motion).
- 8. Substitute Legislation File No. [ ]
- 9. Reactivate File No. [ ]
- 10. Topic submitted for Mayoral Appearance before the BOS on [ ]

ease check the appropriate boxes. The proposed legislation should be forwarded to the following:

- Small Business Commission
- Youth Commission
- Ethics Commission
- Planning Commission
- Building Inspection Commission

**Note: For the Imperative Agenda (a resolution not on the printed agenda), use the Imperative Form.**

Sponsor(s):

Mandelman; Fewer, Peskin, Mar, Brown, Haney, Yee

Subject:

Declaring a Climate Emergency in San Francisco

The text is listed:

Resolution declaring a climate emergency and requesting immediate and accelerated action to address the climate crisis and limit global warming to 1.5 degrees Celsius.

Signature of Sponsoring Supervisor: *[Signature]*

For Clerk's Use Only

